

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-21 11:27:52  
Date of Next Testing: 2026-02-20 11:27:52  
Product Name: **Zirconium sulfate tetrahydrate**  
CAS Number: 7446-31-3  
Specifications & Purity: (99.99%-Zr) (REO)  
Lot #: B23081026  
SKU #: **Z189197**  
**Analysis:** **019745**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Total Metallic Impuritie	0-200 (ppm)	184.00 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99%
Appearance (Z189197)	White Powder or Crystals	White Powder or Crystals
ICP: Confirms Zirconium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager